GENERAL
Functions
Vacuum loading, transport and pressure unloading of live salmon.
On-board delousing of salmon.
Classification
DNV-GL or equal 1A1, EO

DIMENSIONS
Length o.a.
80.00 m
77.60 m
Beam mld.
18.60 m
Depth to the tween deck
7.80 m
Depth to the main deck
10.80 m
Draught (scantling)
8.00 m
Displacement
9000 ton

TANK CAPACITIES
Fuel oil
300 m³
Fresh water (potable)
30 m³
Fresh water (technical)
300 m³
Ballast water
1400 m³

FISH TANK CAPACITY
Fish tanks
4000 m³
Design pressure
0.4 / 1.8 bar

PROPUSSION SYSTEM
Propulsion system
Azipod or similar
Propulsion power
3500 kW
Bow azimuth thruster
Retractable azimuth/tunnel thruster
Bow azimuth thruster power
1000 kW

ELECTRIC POWER SYSTEMS
Networks
230/440 V 60 Hz
Main generator sets
5x 1200 ekW / 1500 kVA
Emergency/harbour gen set
1x 600 ekW / 750 kVA

FISH TANK LAYOUT
Two prismatic fish tanks of half ship length with centre pipe tunnel. Entrance directly from trunks positioned on both sides of the tanks. Longitudinally moving perforated bulkheads for crowding fish when pumping out.

CRANES
One hose handling crane is placed at the forward end of the recession on starboard, close to the turning point of the hoses.
Two net handling cranes are placed. One on the poop deck and one on the forecastle deck at starboard side.
On the forecastle deck starboard a crane is placed in front of the bridge for handling the hatch and the CO₂ strippers.

CARGO SYSTEMS
Fast loading, circulation and unloading of seawater. Load, store and unload live salmon in a gentle manner. Loading and unloading through 500 mm smooth hoses and pipes. Systems placed in the engine/pump room aft, the centre tunnel and the pump room forward.
CO₂ strippers and drum-filters for treatment of seawater are situated on the poop- and forecastle deck.
Equipment for handling live fish is mainly placed in the working wet area on tween deck and partly right above, on the main deck.
No hatches, entrance of the tanks by means of trunks located on the forward and aft side of the fish tanks.

RSW
Refrigerating system to cool down the (sea)water in the fish tanks. Two systems for each tank.

TANK CLEANING
Permanently mounted nozzles on moving bulkheads and circulation channels.

ACCOMMODATION
The wardrobe and laundry are the only accommodation spaces located on the tween deck. All cabins are one person each with own sanitary space. 12 cabins are located on the main deck and 4 officers cabins in the deck house. All other accommodation spaces are located on the main deck.

LIFESAVING EQUIPMENT
MCB boat with davit on the forecastle deck on PS
Life rafts on main deck one in front of SB recess and one aft of PS recess

NAVIGATION EQUIPMENT
Navigation systems suitable for navigation in narrow and shallow waters

COMMUNICATION EQUIPMENT
Communication systems according sea area A2

OPTIONS
Dynamic Positioning for station keeping
Two reverse osmose water generators for extra water supply for delousing
Battery pack instead of one of the diesel aggregates
Mooring winches and capstans for cage handling
Two dewatering boxes for dry vacuum loading in freshwater
Extra hose handling crane at forward of recess portside
Two extra net handling cranes at poop and forecastle deck portside
VIP lounge on top of the wheelhouse

All data presented is preliminary and is subject to change without prior notice. Artist impressions and general arrangement plan may show optional equipment. Options may impact performances.